```
* * * * * * * * * *  Welcome to STN International  * * * * * * * * * *

 NEWS  1           Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2           "Ask CAS" for self-help around the clock
 NEWS  3  JUL 20   Powerful new interactive analysis and visualization software,
                   STN AnaVist, now available
 NEWS  4  AUG 11   Derwent World Patents Index(R) web-based training during
                   August
 NEWS  5  AUG 11   STN AnaVist workshops to be held in North America
 NEWS  6  AUG 30   CA/CAplus -Increased access to 19th century research documents
 NEWS  7  AUG 30   CASREACT - Enhanced with displayable reaction conditions
 NEWS  8  SEP 09   ACD predicted properties enhanced in REGISTRY/ZREGISTRY

 NEWS EXPRESS  JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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  * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:12:25 ON 18 SEP 2005

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21       0.21

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STRUCTURE FILE UPDATES:   16 SEP 2005  HIGHEST RN 863378-74-9
DICTIONARY FILE UPDATES:  16 SEP 2005  HIGHEST RN 863378-74-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.
```

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**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,    *
* effective March 20, 2005.  A new display format, IDERL, is now     *
* available and contains the CA role and document type information. *
*                                                                    *
**********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading structure

L1       STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1                 STR
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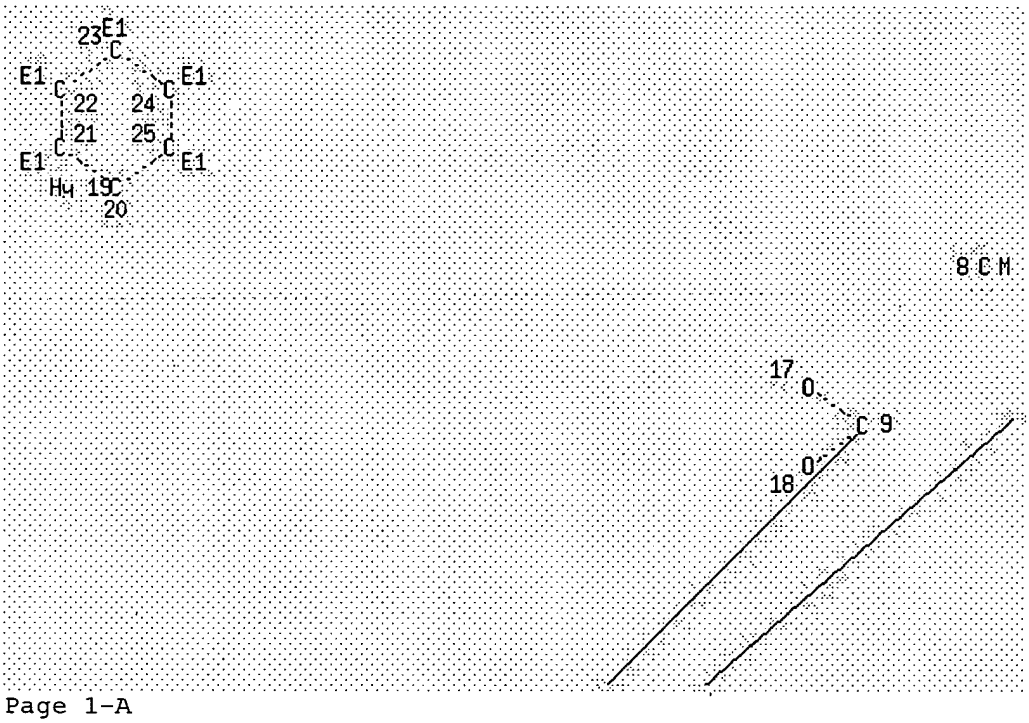
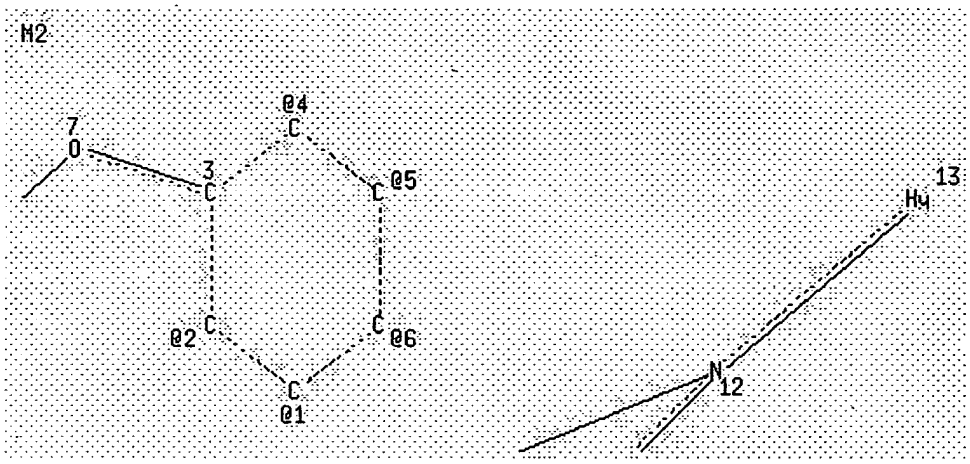
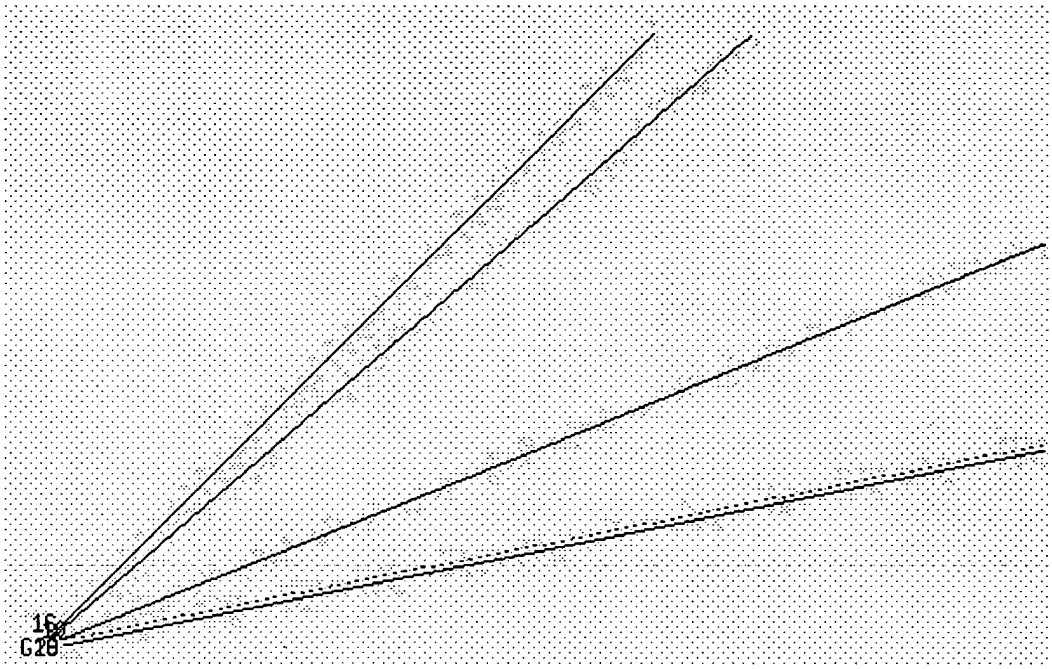


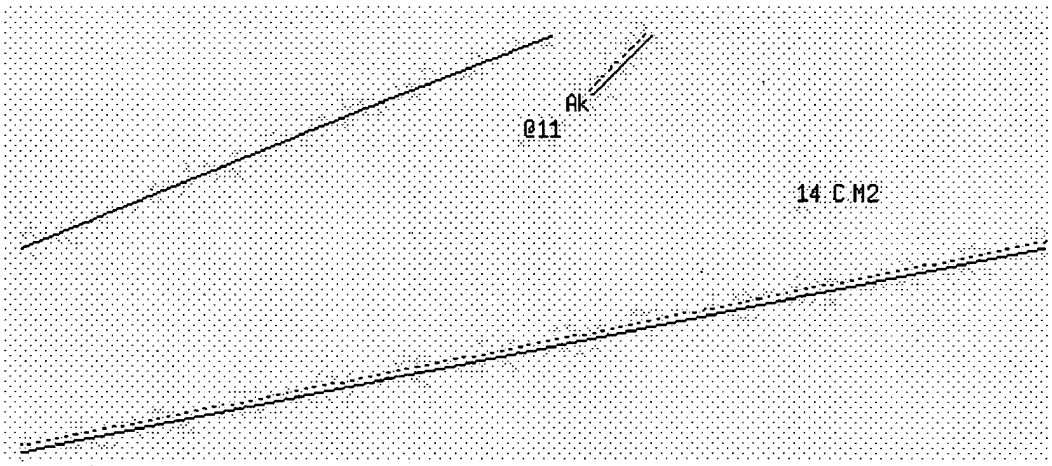
Page 1-A



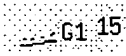
Page 1-B



Page 2-A



Page 2-B



Page 2-C

VAR G1=19/20

REP G19=(1-3) 14-12 14-15

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REP G20=(1-2) 8-7 8-9
VPA 11-1/2/4/5/6 S
NODE ATTRIBUTES:
HCOUNT  IS M2     AT   8
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HCOUNT  IS E1     AT  21
HCOUNT  IS E1     AT  22
HCOUNT  IS E1     AT  23
HCOUNT  IS E1     AT  24
HCOUNT  IS E1     AT  25
NSPEC   IS R      AT   1
NSPEC   IS R      AT   2
NSPEC   IS R      AT   3
NSPEC   IS R      AT   4
NSPEC   IS R      AT   5
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NSPEC   IS C      AT  18
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MLEVEL  IS CLASS  AT   7  8  9 11 12 14 17 18 19 20 21 22 23 24 25
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS  25

STEREO ATTRIBUTES: NONE


=> s l1
SAMPLE SEARCH INITIATED 15:15:31 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     2771 TO ITERATE

 72.2% PROCESSED     2000 ITERATIONS                          1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        52263 TO    58577
PROJECTED ANSWERS:               1 TO       97

L2             1 SEA SSS SAM L1

=> s l1 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 160.90 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 15:15:37 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    56213 TO ITERATE
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100.0% PROCESSED 56213 ITERATIONS 9 ANSWERS
SEARCH TIME: 00.00.01

L3 9 SEA SSS FUL L1

=> file hcaplus
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	163.05	163.26

FILE 'HCAPLUS' ENTERED AT 15:15:41 ON 18 SEP 2005
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FILE COVERS 1907 - 18 Sep 2005 VOL 143 ISS 13
FILE LAST UPDATED: 16 Sep 2005 (20050916/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L4 2 L3

=> d l4, ibib abs hitstr, 1-2

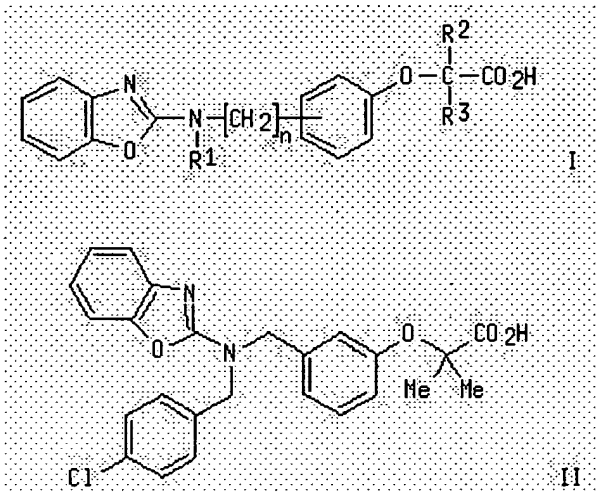
L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN

Full Text | Citing References

ACCESSION NUMBER: 2003:922669 HCAPLUS
DOCUMENT NUMBER: 139:395923
TITLE: Preparation of benzoxazoles as PPARα agonists
INVENTOR(S): Yamazaki, Yukiyoshi; Toma, Tsutomu; Nishikawa, Masahiro; Ozawa, Hidefumi; Okuda, Ayumu; Abe, Kazutoyo; Oda, Soichi
PATENT ASSIGNEE(S): Kowa Co., Ltd., Japan
SOURCE: U.S., 63 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6653334	B1	20031125	US 2002-329547	20021227
JP 2004210776	A2	20040729	JP 2003-428197	20031224

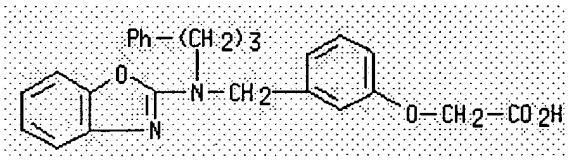
EP 1433786 A1 20040630 EP 2003-29917 20031229
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
PRIORITY APPLN. INFO.: US 2002-329547 A 20021227
OTHER SOURCE(S): MARPAT 139:395923
GI



AB The title compds. [I; R1 = H, alkyl, arylalkyl, etc.; R2, R3 = H, Me, Et; n = 1-3] and their salts, which selectively activate PPARα, and are useful in preventing and/or treating hyperlipidemia, arteriosclerosis, diabetes, inflammation and heart diseases, were prepd. E.g., a 4-step synthesis of II (starting from 3-hydroxybenzaldehyde and Et 2-bromoisobutyrate) which showed EC50 of 0.001 μM, 0.2 μM and >10 μM with respect to hPPARα, hPPARγ and hPPARδ, resp., was given. Pharmaceutical compn. comprising the compd. I is claimed.

IT **627095-57-2P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of benzoxazoles as PPARα agonists)

RN 627095-57-2 HCAPLUS
CN Acetic acid, [3-[[2-benzoxazolyl(3-phenylpropyl)amino]methyl]phenoxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN

Full Text | Citing References

ACCESSION NUMBER: 1998:259658 HCAPLUS
DOCUMENT NUMBER: 128:294701
TITLE: Preparation of N-bipiperidinylbenzamides and analogs

as cell adhesion inhibitors

INVENTOR(S): Pieper, Helmut; Linz, Guenter; Austel, Volkhard; Himmelsbach, Frank; Guth, Brian; Weisenberger, Johannes

PATENT ASSIGNEE(S): Dr. Karl Thomae G.m.b.H., Germany

SOURCE: Ger. Offen., 40 pp.
CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

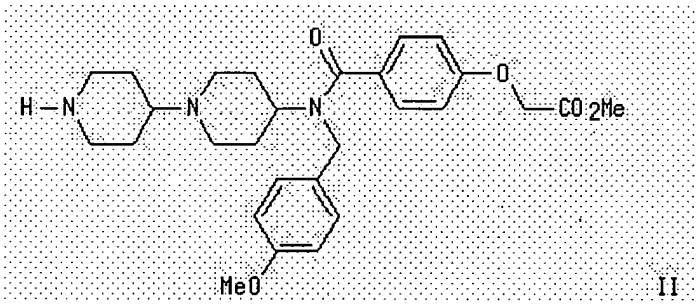
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19643331	A1	19980423	DE 1996-19643331	19961021
WO 9817646	A1	19980430	WO 1997-EP5683	19971015
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9748674	A1	19980515	AU 1997-48674	19971015

PRIORITY APPLN. INFO.: DE 1996-19643331 A 19961021
WO 1997-EP5683 W 19971015

OTHER SOURCE(S): MARPAT 128:294701

GI



II

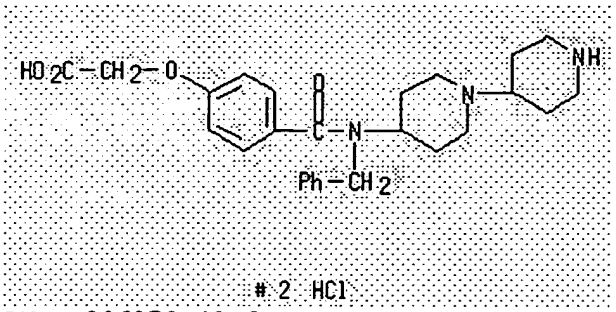
AB RaZNRbABD [I; A = Z1Z2; B = CO, CH2CO, OCH2CO, NHCH2CO, etc.; D = OH, (phenyl)alkoxy, cycloalkyloxy, etc.; Ra = H, (ar)alkyl, metabolically labile group, etc.; Rb = H, (cyclo)alkyl, aryl(alkyl), pyridyl(alkyl), ZRa, etc.; Z = 4,1'-bipiperidine-1,4'-diyl; Z1 = CO, CH2, CONH; Z2 = cyclohexylene, phenylene, etc.] were prepd. Thus, 4-(MeO)C6H4CH2NH2 was reductively condensed with 1-tert-butoxycarbonyl-4-piperidone and the product amidated by 4-(HO2C)C6H4OCH2CO2Me to give, in 3 addnl. steps, title compd. II. Data for biol. activity of I were given.

IT **206273-48-5P** **206273-49-6P** **206273-65-6P**
206273-66-7P **206273-75-8P** **206273-77-0P**
206273-82-7P **206273-83-8P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of N-bipiperidinylbenzamides and analogs as cell adhesion inhibitors)

RN 206273-48-5 HCAPLUS

CN Acetic acid, [4-[[[1,4'-bipiperidin]-4-yl(phenylmethyl)amino]carbonyl]phen

oxy]-, dihydrochloride (9CI) (CA INDEX NAME)



RN 206273-49-6 HCAPLUS
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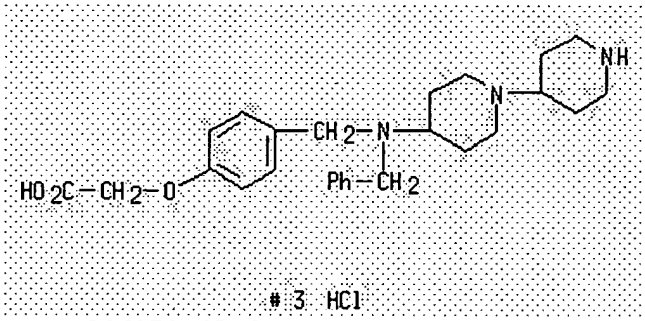
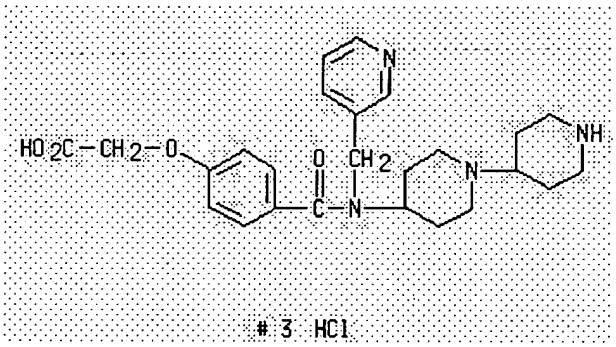


RN 206273-65-6 HCAPLUS
CN Acetic acid, [4-[[[1,4'-bipiperidin]-4-yl(3-pyridinylmethyl)amino]carbonyl]phenoxy]-, trihydrochloride (9CI) (CA INDEX NAME)



RN 206273-66-7 HCAPLUS
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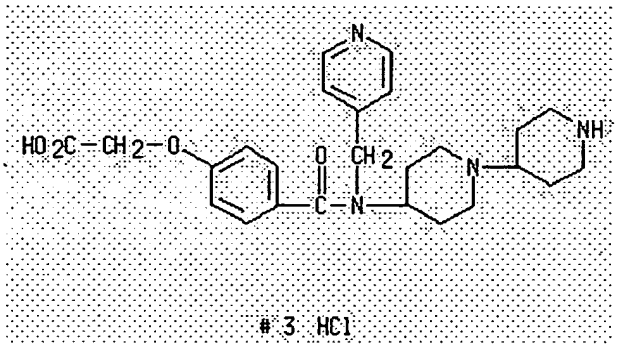

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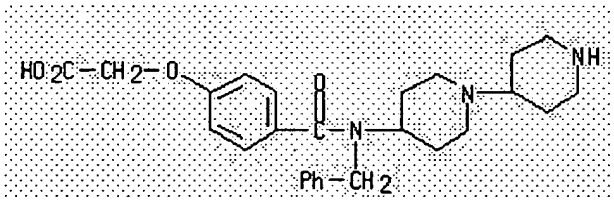

RN 206273-77-0 HCAPLUS
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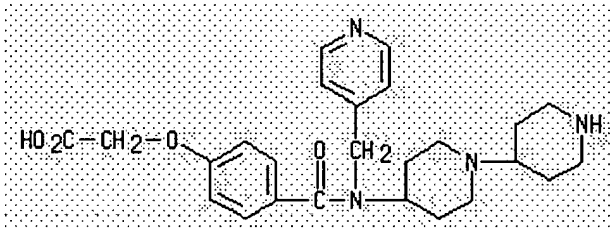
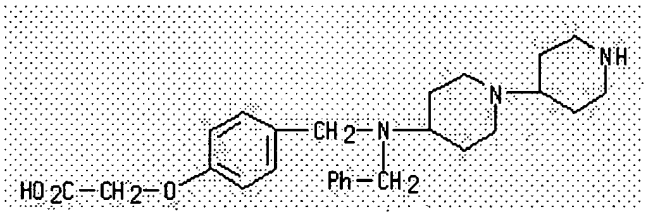
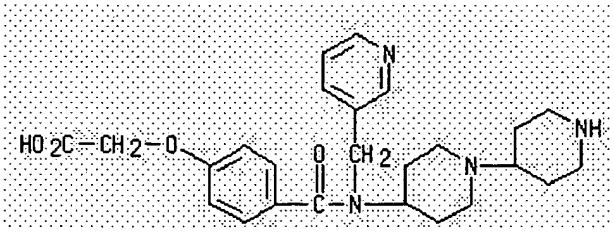


RN 206273-82-7 HCAPLUS
CN Acetic acid, [4-[[[1,4'-bipiperidin]-4-yl(phenylmethyl)amino]methyl]phenoxy]- (9CI) (CA INDEX NAME)



RN 206273-83-8 HCAPLUS
CN Acetic acid, [4-[[[1,4'-bipiperidin]-4-yl(3-pyridinylmethyl)amino]carbonyl]phenoxy]- (9CI) (CA INDEX NAME)



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=> file caold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                      12.33     175.59

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                         ENTRY    SESSION
CA SUBSCRIBER PRICE                                      -1.46      -1.46

FILE 'CAOLD' ENTERED AT 15:15:59 ON 18 SEP 2005
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FILE COVERS 1907-1966
FILE LAST UPDATED:  01 May 1997 (19970501/UP)

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  substance identification.  Title keywords, authors, patent
  assignees, and patent information, e.g., patent numbers, are
  now searchable from 1907-1966.  TIFF images of CA abstracts
  printed between 1907-1966 are available in the PAGE
  display formats.

  New CAS Information Use Policies, enter HELP USAGETERMS for details.

  This file supports REGlstRY for direct browsing and searching of
  all substance data from the REGISTRY file.  Enter HELP FIRST for
  more information.

=> d his

     (FILE 'HOME' ENTERED AT 15:12:25 ON 18 SEP 2005)

     FILE 'REGISTRY' ENTERED AT 15:12:32 ON 18 SEP 2005
L1              STRUCTURE UPLOADED
L2            1 S L1
L3            9 S L1 FULL

     FILE 'HCAPLUS' ENTERED AT 15:15:41 ON 18 SEP 2005
L4            2 S L3

     FILE 'CAOLD' ENTERED AT 15:15:59 ON 18 SEP 2005

=> s l3
L5            0 L3

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.43     176.02

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                         ENTRY    SESSION
CA SUBSCRIBER PRICE                                       0.00      -1.46

FILE 'REGISTRY' ENTERED AT 15:16:05 ON 18 SEP 2005
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 16 SEP 2005 HIGHEST RN 863378-74-9
DICTIONARY FILE UPDATES: 16 SEP 2005 HIGHEST RN 863378-74-9

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TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

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**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,    *
* effective March 20, 2005.  A new display format, IDERL, is now     *
* available and contains the CA role and document type information.  *
*                                                                    *
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```

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

```
=> s cadila, r?/au and henke, b?/au and ill, m?/au and liu, g?/au and smith, j?/au
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NUMERIC VALUE NOT VALID 'HENKE, B?'
NUMERIC VALUE NOT VALID 'ILL, M?'
NUMERIC VALUE NOT VALID 'LIU, G?'
NUMERIC VALUE NOT VALID 'SMITH, J?'
             0 CADILA, R?/AU
             0 HENKE, B?/AU
             0 ILL, M?/AU
             0 LIU, G?/AU
             0 SMITH, J?/AU
L6           0 CADILA, R?/AU AND HENKE, B?/AU AND ILL, M?/AU AND LIU, G?/AU
               AND SMITH, J?/AU

=> file hcaplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                              24.29     200.31

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)    SINCE FILE      TOTAL
                                                 ENTRY    SESSION
CA SUBSCRIBER PRICE                               0.00      -1.46

FILE 'HCAPLUS' ENTERED AT 15:17:40 ON 18 SEP 2005
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```

FILE COVERS 1907 - 18 Sep 2005 VOL 143 ISS 13
FILE LAST UPDATED: 16 Sep 2005 (20050916/ED)

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This file contains CAS Registry Numbers for easy and accurate
substance identification.

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           139 HENKE, B?/AU
             3 ILL, M?/AU
          8826 LIU, G?/AU
         17431 SMITH, J?/AU
L7           0 CADILLA, R?/AU AND HENKE, B?/AU AND ILL, M?/AU AND LIU, G?/AU
               AND SMITH, J?/AU

=> file reg
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                2.45     202.76

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)    SINCE FILE      TOTAL
                                                   ENTRY    SESSION
CA SUBSCRIBER PRICE                                0.00      -1.46

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provided by InfoChem.

STRUCTURE FILE UPDATES:   16 SEP 2005  HIGHEST RN 863378-74-9
DICTIONARY FILE UPDATES:  16 SEP 2005  HIGHEST RN 863378-74-9

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TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
```

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* available and contains the CA role and document type information. *
*                                                                   *
*********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

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Uploading structure

L8      STRUCTURE UPLOADED

=> d l8
L8 HAS NO ANSWERS
L8                 STR
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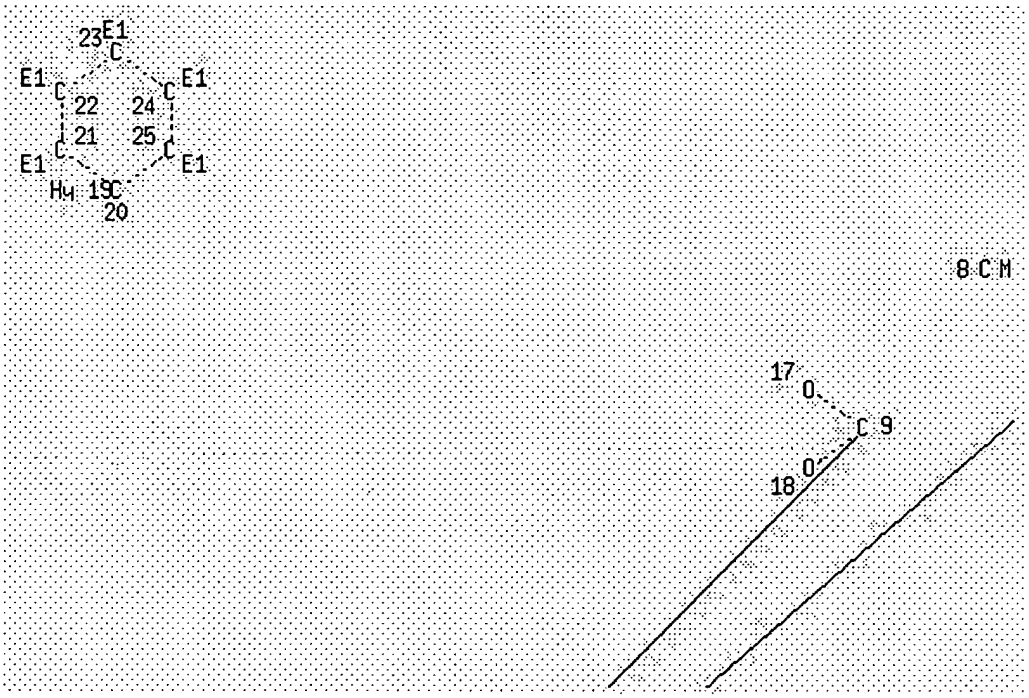
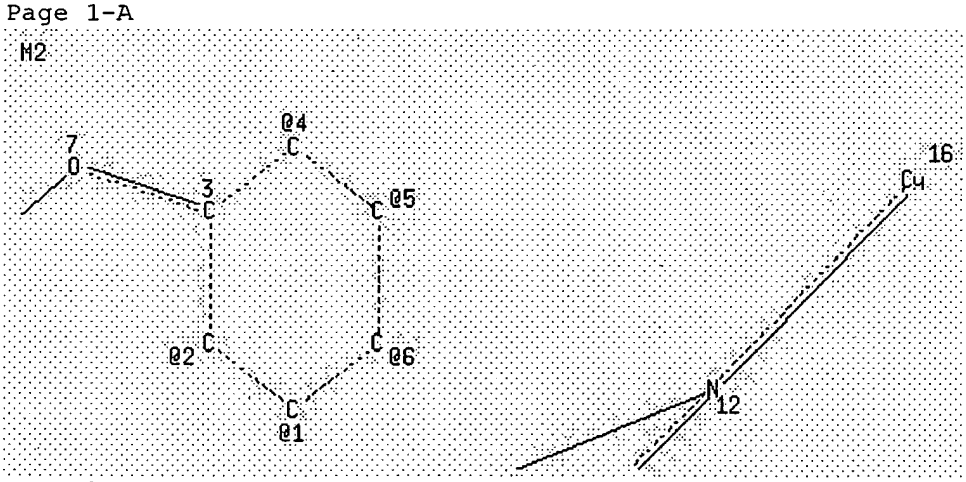


Page 1-A



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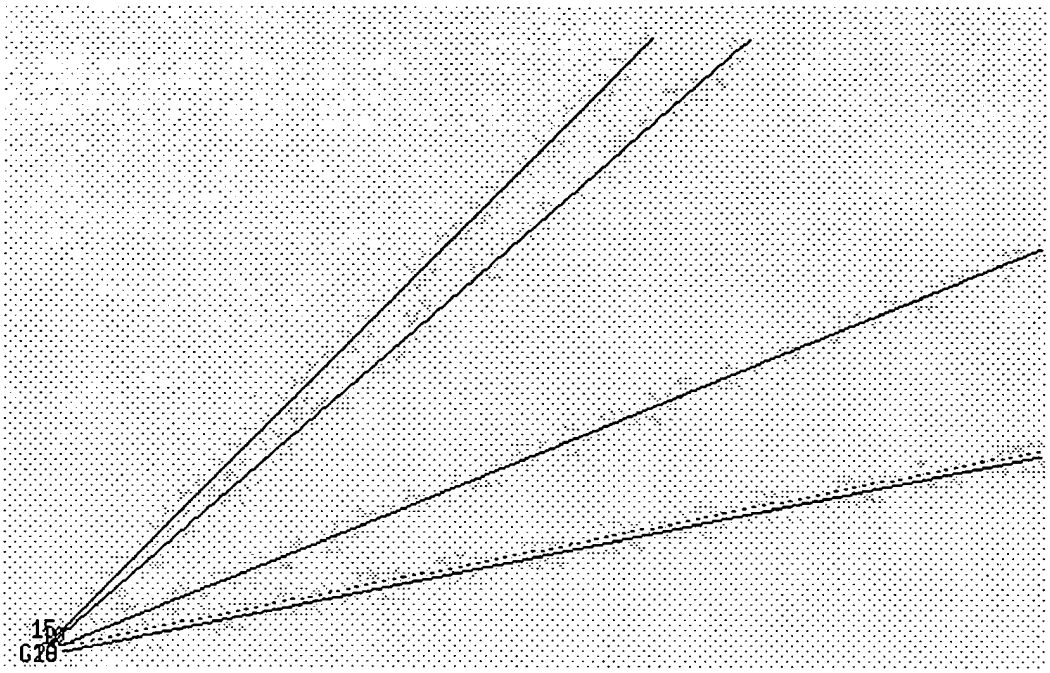

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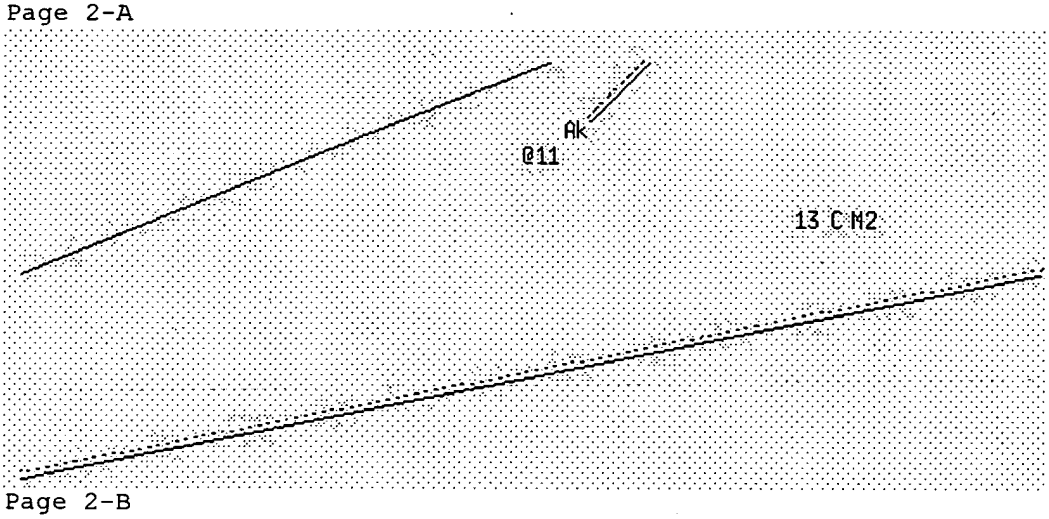

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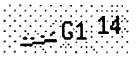

Page 2-C

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NUMBER OF NODES IS  25

STEREO ATTRIBUTES: NONE


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SAMPLE SEARCH INITIATED 15:18:55 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     2771 TO ITERATE

 72.2% PROCESSED     2000 ITERATIONS                                 3 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        52263 TO    58577
PROJECTED ANSWERS:               3 TO      205

L9            3 SEA SSS SAM L8

=> s l8 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 160.90 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 15:19:00 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    56213 TO ITERATE

100.0% PROCESSED    56213 ITERATIONS                                15 ANSWERS
SEARCH TIME: 00.00.01

L10          15 SEA SSS FUL L8

=> d his

     (FILE 'HOME' ENTERED AT 15:12:25 ON 18 SEP 2005)

     FILE 'REGISTRY' ENTERED AT 15:12:32 ON 18 SEP 2005
L1              STRUCTURE UPLOADED
L2            1 S L1
L3            9 S L1 FULL

     FILE 'HCAPLUS' ENTERED AT 15:15:41 ON 18 SEP 2005
L4            2 S L3
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     FILE 'CAOLD' ENTERED AT 15:15:59 ON 18 SEP 2005
L5             0 S L3

     FILE 'REGISTRY' ENTERED AT 15:16:05 ON 18 SEP 2005
L6             0 S CADILA, R?/AU AND HENKE, B?/AU AND ILL, M?/AU AND LIU, G?/AU

     FILE 'HCAPLUS' ENTERED AT 15:17:40 ON 18 SEP 2005
L7             0 S CADILLA, R?/AU AND HENKE, B?/AU AND ILL, M?/AU AND LIU, G?/AU

     FILE 'REGISTRY' ENTERED AT 15:18:05 ON 18 SEP 2005
L8               STRUCTURE UPLOADED
L9             3 S L8
L10           15 S L8 FULL

=> s l10 not l3
L11            6 L10 NOT L3

=> file hcaplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   161.76     364.52

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
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FILE LAST UPDATED: 16 Sep 2005  (20050916/ED)

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 This file contains CAS Registry Numbers for easy and accurate
 substance identification.

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L12            3 L11

=> d l12, ibib abs hitstr, 1-3

L12  ANSWER 1 OF 3  HCAPLUS  COPYRIGHT 2005 ACS on STN
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Full Text | Citing References

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ACCESSION NUMBER:         1995:943483  HCAPLUS
```

DOCUMENT NUMBER: 123:339767
TITLE: Preparation of naphthalene and quinoline derivatives as glycoprotein GP IIb/IIa antagonists
INVENTOR(S): Ashimori, Atsuyuki; Yoshida, Tomohiro; Ono, Shinichiro; Eda, Masahiro; Kosaka, Keigo; Mori, Fumio; Inoe, Yoshihisa; Imada, Mitsuaki; Ikegawa, Ruriko; Et, Al.
PATENT ASSIGNEE(S): Green Cross Corp, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 38 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

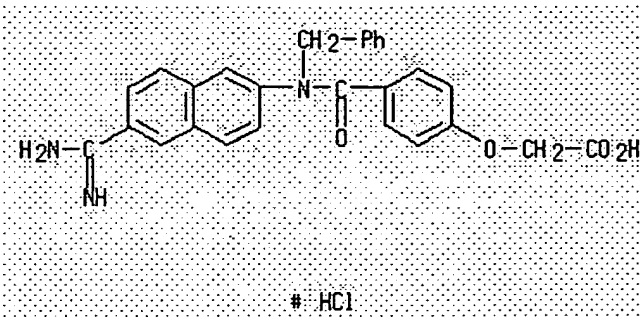
PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
JP 07179407	A2	19950718	JP 1994-278180		19941111
PRIORITY APPLN. INFO.:			JP 1993-282938	A	19931112

OTHER SOURCE(S): MARPAT 123:339767
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title compds. [I; A = ENHC(:NH), ENHC(:NH)NH, ENH(CH2)e; wherein E = H, amidino, guanidino, NH2-protective group; B = Q - Q3; wherein D = (Z)g(CH2)hCO2R5; Z = O, NR6; R1, R2, R3, R4 = H, alkyl, halo, acyl, alkoxy; R6 = H, alkyl, cycloalkyl, aralkyl; R6 = H, alkyl, aralkyl; G = CH, N; L, M = O, NR6; a, c, g, m = 0,1; b, d, e, h = 0,1-3, f = 1-3; n = 1,2], which inhibit blood platelet aggregation, have long-lasting serum life, little side-effects, and low toxicity, can be administered orally, and are useful for the treatment and prevention of thrombotic diseases or thrombus formation during surgery and circulation outside the body, are prepd. Thus, 6-cyano-2-quinolinecarboxylic acid was condensed with tert-Bu trans-(4-aminocyclohexyloxy)acetate by using 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride in DMF at room temp. to give a quinoline deriv. (II; G = N, R = tert-Bu, R7 = cyano). II (G = CH, R = amidino, R7 = H) in vitro showed IC50 of 0.050 μM for inhibiting the human blood platlet aggregation induced by ADP.

IT **170737-07-2P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of naphthalene and quinoline derivs. as glycoprotein GP IIb/IIa antagonists, antithrombotics, and blood platelet aggregation inhibitors)
RN 170737-07-2 HCAPLUS
CN Acetic acid, [4-[[[6-(aminoiminomethyl)-2-naphthalenyl](phenylmethyl)amino]carbonyl]phenoxy]-, monohydrochloride (9CI) (CA INDEX NAME)



L12 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN

Full Text | Cited References

ACCESSION NUMBER: 1994:134462 HCAPLUS
DOCUMENT NUMBER: 120:134462
TITLE: Heterocyclic phenoxyacetic acid derivative antithrombotic and antihypertensive agents
INVENTOR(S): Hamanaka, Nobuyuki; Takahashi, Kanji; Tokumoto, Hidekado
PATENT ASSIGNEE(S): Ono Pharmaceutical Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 112 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 558062	A2	19930901	EP 1993-103113	19930226
EP 558062	A3	19940112		
EP 558062	B1	19970507		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CA 2090283	AA	19930829	CA 1993-2090283	19930224
JP 06056744	A2	19940301	JP 1993-59418	19930225
JP 3162532	B2	20010508		
JP 2000086635	A2	20000328	JP 1999-215279	19930225
JP 3487415	B2	20040119		
AT 152712	E	19970515	AT 1993-103113	19930226
ES 2103989	T3	19971001	ES 1993-103113	19930226
KR 187325	B1	19990515	KR 1993-2879	19930227
US 5378716	A	19950103	US 1993-24306	19930301
US 5536736	A	19960716	US 1994-293218	19940819
US 5703099	A	19971230	US 1996-642598	19960503
US 5935985	A	19990810	US 1997-925587	19970908
PRIORITY APPLN. INFO.:			JP 1992-78330	A 19920228
			JP 1993-59418	A3 19930225
			US 1993-24306	A3 19930301
			US 1994-293218	A3 19940819
			US 1996-642598	A3 19960503

OTHER SOURCE(S): MARPAT 120:134462
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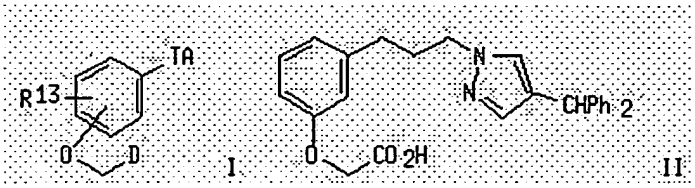
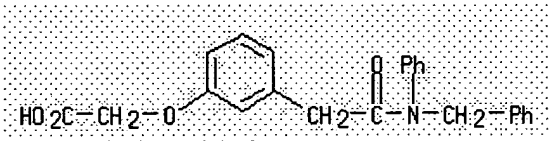


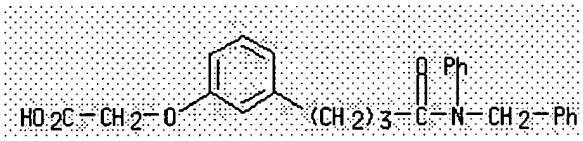
AB The title compds. I [A = heterocyclyl, carboxylate, (un)substituted CH2NH2, etc.; D = CO2R10, CONR11R12; R10 = H, C1-12 alkyl; R11, R12 = H, C1-4 alkyl; R13 = H, C1-4 alkyl, C1-4 alkoxy, NO2; T = direct bond, C1-6 alkylene, C2-6 alkenylene, O(CH2)s; s = 2-4], useful in the treatment of thrombosis, arteriosclerosis, ischemic heart disease, gastric ulcer, or hypertension, are prepd. and I-contg. formulations are presented. Thus, Me 3-[3-(4-diphenylmethylpyrazol-1-yl)propyl]phenoxyacetate was hydrolyzed, producing pyrazole deriv. II which demonstrated a 50% human blood platelet aggregation inhibitory concn. of 0.42 μM.

IT **152380-94-4** **152381-04-9** **152381-14-1**
RL: RCT (Reactant); RACT (Reactant or reagent)
(antithrombotic and antihypertensive activity of)

RN 152380-94-4 HCAPLUS
CN Acetic acid, [3-[2-oxo-2-[phenyl(phenylmethyl)amino]ethyl]phenoxy]- (9CI) (CA INDEX NAME)



RN 152381-04-9 HCAPLUS
CN Acetic acid, [3-[4-oxo-4-[phenyl(phenylmethyl)amino]butyl]phenoxy]- (9CI) (CA INDEX NAME)



RN 152381-14-1 HCAPLUS
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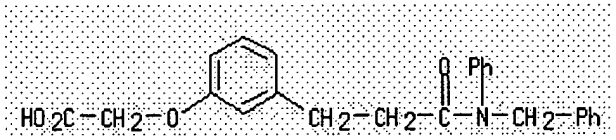
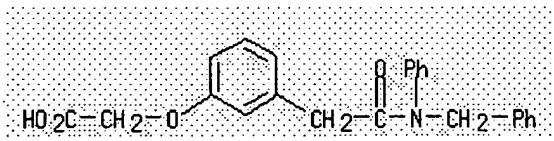
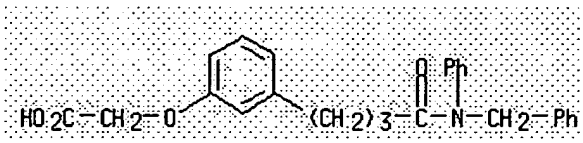


IT **152380-94-4P** **152381-04-9P** **152381-14-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and antithrombotic and antihypertensive activity of)

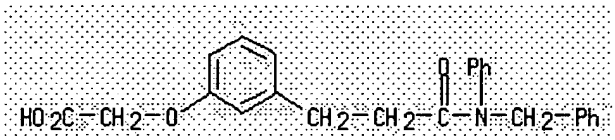
RN 152380-94-4 HCAPLUS
CN Acetic acid, [3-[2-oxo-2-[phenyl(phenylmethyl)amino]ethyl]phenoxy]- (9CI) (CA INDEX NAME)



RN 152381-04-9 HCAPLUS
CN Acetic acid, [3-[4-oxo-4-[phenyl(phenylmethyl)amino]butyl]phenoxy]- (9CI) (CA INDEX NAME)



RN 152381-14-1 HCAPLUS
CN Acetic acid, [3-[3-oxo-3-[phenyl(phenylmethyl)amino]propyl]phenoxy]- (9CI) (CA INDEX NAME)



L12 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN

Full Text | Citing References

ACCESSION NUMBER: 1992:41102 HCAPLUS
DOCUMENT NUMBER: 116:41102
TITLE: Preparation of arylcarboxylic-acid and sulfonic-acid amides as drugs
INVENTOR(S): Alig, Leo; Edenhofer, Albrecht; Mueller, Marcel; Trzeciak, Arnold; Weller, Thomas
PATENT ASSIGNEE(S): Hoffmann-La Roche, F., und Co. A.-G., Switz.
SOURCE: Eur. Pat. Appl., 35 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 381033	A1	19900808	EP 1990-101404	19900124
EP 381033	B1	19940323		
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US 5084466	A	19920128	US 1990-465858	19900116
HU 53070	A2	19900928	HU 1990-218	19900122
HU 206193	B	19920928		
CA 2008311	AA	19900731	CA 1990-2008311	19900123
ZA 9000510	A	19901031	ZA 1990-510	19900124
AT 103273	E	19940415	AT 1990-101404	19900124
ES 2050851	T3	19940601	ES 1990-101404	19900124
AU 9048817	A1	19900809	AU 1990-48817	19900125
AU 632086	B2	19921217		
CZ 277999	B6	19930317	CZ 1990-354	19900125
IL 93170	A1	19940530	IL 1990-93170	19900125
SK 277762	B6	19941207	SK 1990-354	19900125
NO 9000418	A	19900801	NO 1990-418	19900130
NO 172536	B	19930426		
NO 172536	C	19930804		
RU 2072986	C1	19970210	RU 1990-4742946	19900130
JP 02235853	A2	19900918	JP 1990-19361	19900131
JP 08005848	B4	19960124		

US 5256812	A	19931026	US 1991-755960		19910906
US 5399585	A	19950321	US 1993-114415		19930830
PRIORITY APPLN. INFO.:			CH 1989-326	A	19890131
			CH 1989-4069	A	19891113
			US 1990-465858	A3	19900116
			EP 1990-101404	A	19900124
			US 1991-755960	A3	19910906

OTHER SOURCE(S): MARPAT 116:41102

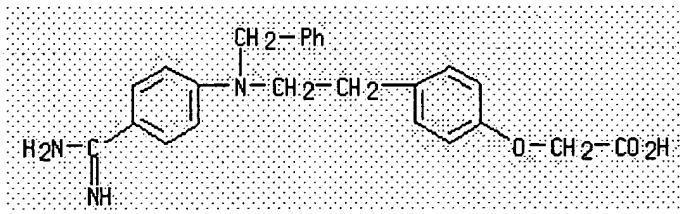
AB R1AWaX(CH2)bYcBZCO2R [R1 = amidino, guanidino; A, B = (substituted) phenylene, pyridinylene, thienylene; W = CH2, CH2CH2, CH:CH, CH:CHCH2, (CH2)3, CH2CHMe, COCH2, CH(OH)CH2, CH2COCH2; X = CONR2, SO2NR2; Y = CH2CH2, CH2CH2O, OCH2, CH:CH, CH2CH:CH, CH2, CH2COCH2, etc.; Z = OCH2, NR3CH2, CH2CH2, CHMeCH2, CH2, CH:CH, CMe:CH; R = H, alkyl, Ph, phenylalkyl; R2 = H, alkyl, (substituted) phenylalkyl, CH2CO2R, YBZCO2R; R3 = H, alkyl, PhCH2; a,b,c = 0-1] were prepd. Thus, a mixt. of 4-NCC6H4CO2H, 2-chloro-4,6-dimethoxy-1,3,5-triazine, N-methylmorpholine, and CH2Cl2 was stirred 3 h at room temp.; the mixt. was cooled to 0? and Me 4-(2-aminoethyl)phenoxyacetate and N-methylmorpholine in CH2Cl2 were added. The mixt. was stirred overnight at room temp. to give Me 4-[2-(p-cyanobenzamido)ethyl]phenoxyacetate. This was treated successively with H2S in pyridine/Et3N, MeI in acetone, NH4OAc in MeOH, aq. NaOH, and 4-MeC6H4SO3H in H2O to give [p-[2-(p-amidinobenzamido)ethyl]phenoxy]acetic acid toluenesulfonate. The latter inhibited binding of fibrinogen to glycoprotein IIb/IIIa with an IC50 of 0.04 μm.

IT **132224-35-2P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as cardiovascular agent and neoplasm inhibitor)

RN 132224-35-2 HCAPLUS

CN Acetic acid, [4-[2-[[4-(aminoiminomethyl)phenyl](phenylmethyl)amino]ethyl]phenoxy]- (9CI) (CA INDEX NAME)



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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.19	-3.65

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FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate

substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

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=> d his

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     FILE 'REGISTRY' ENTERED AT 15:12:32 ON 18 SEP 2005
L1             STRUCTURE UPLOADED
L2           1 S L1
L3           9 S L1 FULL

     FILE 'HCAPLUS' ENTERED AT 15:15:41 ON 18 SEP 2005
L4           2 S L3

     FILE 'CAOLD' ENTERED AT 15:15:59 ON 18 SEP 2005
L5           0 S L3

     FILE 'REGISTRY' ENTERED AT 15:16:05 ON 18 SEP 2005
L6           0 S CADILA, R?/AU AND HENKE, B?/AU AND ILL, M?/AU AND LIU, G?/AU

     FILE 'HCAPLUS' ENTERED AT 15:17:40 ON 18 SEP 2005
L7           0 S CADILLA, R?/AU AND HENKE, B?/AU AND ILL, M?/AU AND LIU, G?/AU

     FILE 'REGISTRY' ENTERED AT 15:18:05 ON 18 SEP 2005
L8             STRUCTURE UPLOADED
L9           3 S L8
L10         15 S L8 FULL
L11          6 S L10 NOT L3

     FILE 'HCAPLUS' ENTERED AT 15:19:11 ON 18 SEP 2005
L12          3 S L11

     FILE 'CAOLD' ENTERED AT 15:19:27 ON 18 SEP 2005

=> s l11
L13          0 L11

=>
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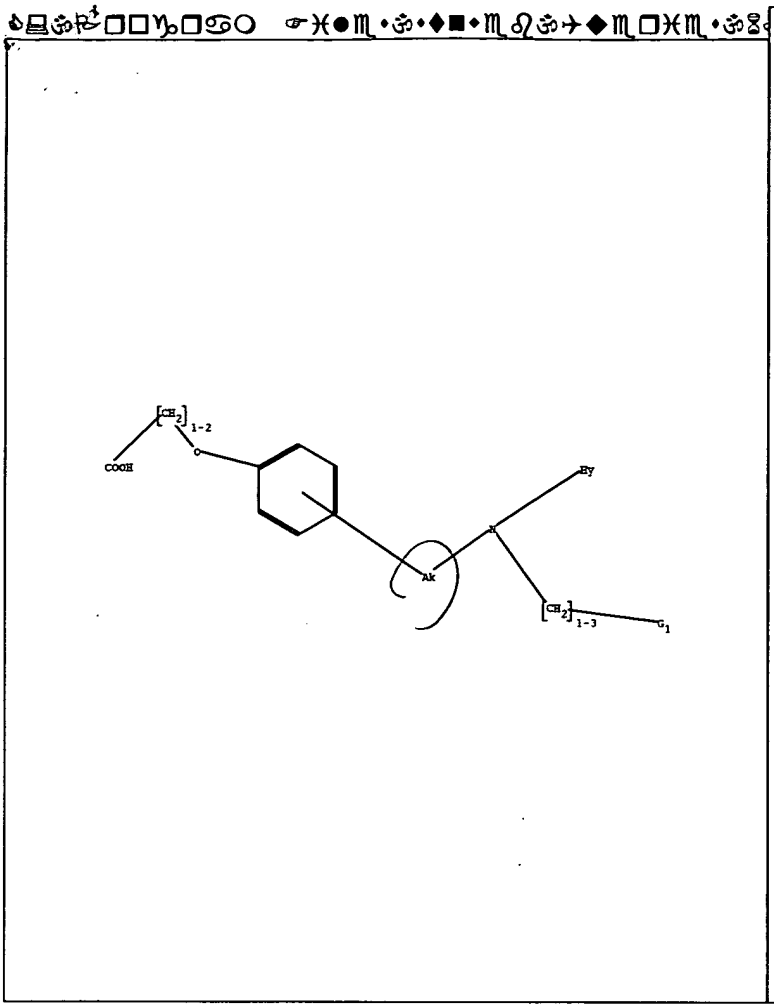
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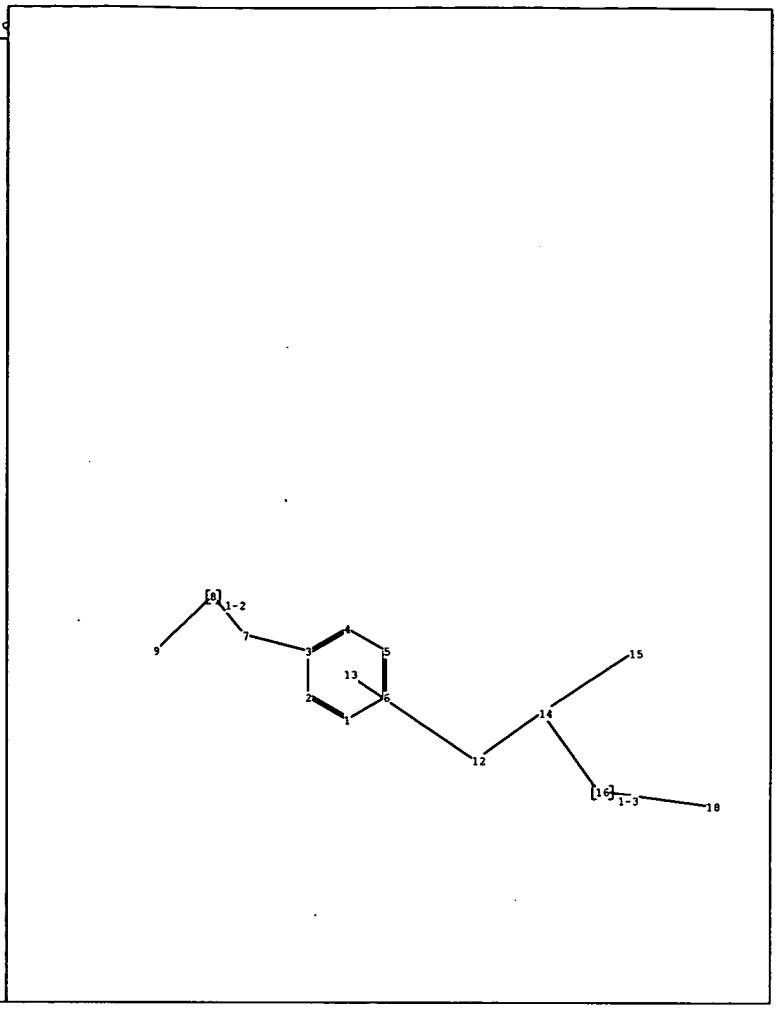
COOH
O
Ar
R
Ey
[CH2] 1-3
G1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9
7
3
4
5
13
2
6
1
12
14
15
[16] 1-3
18

COOH
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1-2
O
Ar
Cy
[CH2]
1-3

[0]
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9
7
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5
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2
6
1
12
14
21
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1-3
17